

USAJOBS
IK9916

CONTROL NO

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ENGINEER / SCIENTIST / COMPUTER SCIENTIST (INTERDISCIPLINARY

OPEN PERIOD 10/01/2000 -

01/10/2001

SERIES/GRADE: ND-0810-02/04

SALARY: \$ 20,829.00 TO \$ 79,155.00, ANNUAL

PROMOTION POTENTIAL:

ND-04

ANNOUNCEMENT NUMBER: DEU:00/001A

HIRING AGENCY: NAVY, NAVAL SEA SYSTEMS COMMAND

DUTY LOCATIONS: MANY INDIAN HEAD, MD

REMARKS: CIVIL ENGR-0810/ENVIRONMENTAL ENGR-0819/MECHANICAL ENGR-0830/
ELECTRICAL ENGR-0850/COMPUTER ENGR-0854/ELECTRONICS ENGR-0855/
AEROSPACE ENGR-0861/CHEMICAL ENGR-893/INDUSTRIAL ENGR-0896/
MATERIALS ENGR-0806/PHYSICIST-1310/CHEMIST & RESEARCH CHEMIST-

1320/

MATHEMATICIAN-1502/COMPUTER SCIENTIST-1550

CONTACT:

BRENDA STEVENSON

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NSWC, INDIAN HEAD DIVISION

101 STRAUSS AVENUE

ATTN: 06R

INDIAN HEAD, MD 20640

Full vacancy announcement follows. Please be sure to review for complete
qualification and "How to Apply" information.

Vacancy Announcement
DEPARTMENT OF THE NAVY
NAVY, NAVAL SEA SYSTEMS COMMAND

Vacancy Announcement Number: DEU:00/001A

Opening Date: 10/01/2000

Closing Date: 01/10/2001

Position: ENGINEER / SCIENTIST / COMPUTER SCIENTIST
(INTERDISCIPLINARY
ND-0810-02/04

Salary: \$20829.00 per year - \$79155.00 per year

Promotion Potential: ND-04

Duty Location: Many vacancies INDIAN HEAD, MD

****Amends announcement number DEU:00/001 to extend the opening and closing dates and update the listed salaries.****

Duty Station: Indian Head, MD. There are limited vacancies at the Indian Head Division's Detachment sites: Seal Beach, CA; Concord, CA; Earle, NJ; Yorktown, VA; and McAlester, OK. The salaries differ at each Detachment site, based upon geographical location. If you would like to be considered for one or more of the detachment duty stations, indicate the location(s) on your application. If no location is documented on your application, you will only be considered for Indian Head, MD. Travel and moving expenses may be paid to the extent permitted by regulation.

Applications will be accepted from:

Open to all qualified persons.

Major Duties: The Indian Head Division has multiple openings for a wide variety of scientists and engineers who are responsible for research, development, engineering, production, and quality surveillance of energetics materials and energetic systems including ordnance devices, underwater warheads, propulsion systems, explosives, cartridge and propellant actuated devices, fuze safing/arming systems, and unique chemicals. Additional areas of interest include computer modeling and simulation, emergency aircrew escape propulsion systems, electronic missile simulators and innovation in propellant, projectile and gun component formulation and design. Some series listed will have more vacancies than others, which will have limited opportunities.

Qualifications Required:

ND-2: A bachelor's or higher degree in engineering, physics, mathematics or computer science. ND-3: A master's or higher degree in engineering, physics, mathematics or computer science. Or, a bachelor's degree in the above fields and one year of professional engineering or scientist experience equivalent in difficulty and complexity to the ND-2 level. ND-4: A Ph.D. in engineering, physics, mathematics or computer science, with

research position being filled. Or, a bachelor's degree in the above fields and one year of professional engineering or scientist experience equivalent in difficulty and complexity to the ND-3 level.

Knowledges, Skills and Abilities Required:

Candidates should submit a narrative statement on a separate page(s) with specific responses to the knowledge, skills, and abilities (KSAs) in this announcement. Failure to submit your narrative response to the KSAs for this job may negatively affect your eligibility and/or rating for this position.

Applicants who do not address one of the following knowledges will be considered on the basis of their education only, regardless of the number of years of experience. Rating will be based on the relevance of their coursework to the mission of NSWCIH or other selecting activities.

Applicants with no experience will be rated on the relevance of their coursework to the mission of NSWCIH or other selecting activities. These applicants need not address any of the knowledge's below.

1. Knowledge of manufacturing/assembly/disassembly of warheads/rockets/missiles/CADs, PADs. Knowledge of manufacturing processes of military explosives, propellants, and rocket motors.

2. Knowledge of destructive and non-destructive testing and analysis required to evaluate materials, parts, and systems and life cycle surveillance of explosives and propulsion systems.

3. Knowledge of warhead systems for underwater weapons application, theoretical and experimental effects of explosives on underwater targets from warheads.

4. Knowledge of fuzing and safing/arming technology for Navy underwater weapon systems including mechanical, electro-mechanical and electronics systems, sensors and signal processors.

5. Knowledge of Cartridge Actuated Devices (CADs), Propellant Actuated

Devices (PADs), and Aircrew Escape Propulsion Systems (AEPS).

6. Knowledge of design, development, manufacturing, and life cycle support in weapons simulation, emulation, training shapes and systems test equipment.

7. Knowledge of quality evaluation and engineering service in support of NAVAIR airborne Fleet weapons and components.

8. Knowledge of Packaging, Handling, Storage, and Transportation (PHST) technical and integrated logistic support functions for Navy weapons and weapon components.

9. Knowledge of synthesis of new energetic materials; formulation of new explosives and propellants; scale-up technology; development of new loading technologies. Knowledge of development of explosive leads, squibs and detonators.

10. Knowledge of full spectrum engineering design and support for rockets, JATOs, missiles, and underwater countermeasures systems.

Basis of Rating:

ALL APPLICANTS MUST SUBMIT TRANSCRIPTS. Many positions require specific coursework to supplement the degree. Unofficial copies are acceptable. Applications will be accepted from students who will graduate within nine (9) months.

Rating & Referral: Applicants will be continuously referred as positions become available. Numerical ratings will be assigned to eligible applicants, who will be referred to the selecting official in groups of basically qualified, highly qualified, or superior.

Applicants qualifying on the basis of science or engineering experience MUST address the degree to which they possess one of the following knowledge's, selecting that most directly related to their experience. Rating will be based

areas.

Pay, Benefits and Work Schedule:

All Federal employees are required by PL 104-134 to have federal payments made by Direct Deposit.

This is a permanent, career-conditional appointment. Selectee will be eligible for health and life insurance, annual (vacation) and sick leave and will be covered under the Federal Employees Retirement System.

This position will be filled on a full-time permanent basis. Upon completing any required probationary period, the position will be permanent.

This agency has Legislative authority to recruit and fill Permanent (Career-Conditional) and Term Appointments under a Demonstration Project. Under this project, interested individuals need not have present or previous status as a Federal employee in order to apply.

Salary:	ND-2:	\$20,829 - \$41,557 per annum
	ND-3:	\$31,968 - \$55,541 per annum
	ND-4:	\$42,724 - \$79,155 per annum

Conditions of Employment:

Under Executive Order 11935, only United States citizens and nationals (residents of American Samoa and Swains Island) may compete for civil service jobs. Agencies are permitted to hire noncitizens only in very limited circumstances where there are no qualified citizens available for the position.

A background security investigation will be required for all new hires.

Appointment will be subject to the applicant's successful completion of a background security investigation and favorable adjudication. Failure to successfully meet these requirements will be grounds for termination.

Some travel will be required.

This position requires completion of a one year probationary period.

Other Pertinent Information: Checked items apply.

(X) Promotion potential to the ND-IV. Although promotion is not guaranteed, selectee may be promoted to the full performance level without further competition.

(X) Selective Service: As a condition of employment, male applicants born after December 21, 1959 must certify that they have registered with the Selective Service System, or are exempt from having to do so under Selective Service.

(X) Passing of a physical examination may be required.

(X) Top Secret Security Clearance may be required.

Other Information:

Before being hired, you will be required to sign and certify the accuracy of the information in your application if you have not done this using an application form such as the OF-612.

Special Certifications: Employees in certain positions will be required to be certified for specific operations; those under the Medical Surveillance Program will be required to pass periodic medical examinations; some will be required to be fit tested for a respirator.

Preference & Placement Priority: Applicants claiming veteran's preference must submit a copy of the DD214, Report of Separation from Active Duty, or must submit a statement specifying the type of discharge, dates of service and campaign badges received. Applicants claiming ten points veteran's preference must also submit a SF15, Application for 10-Point Veteran's Preference, together with the proof required by the form.

Applicants claiming military spouse preference must submit a copy of the

as an authorized dependent, together with a statement that spouse preference is requested for this vacancy and has not previously been used to obtain a position in this commuting area.

Applicants claiming special selection priority under the Interagency Career Transition Assistance Plan (ICTAP) must submit a copy of the separation notice or other qualifying document indicating displaced or surplus status. Additionally, applicants must submit a statement that priority is requested for this vacancy and that no previous offer of a position in Navy in this commuting area has been declined. Finally, applicants must submit a copy of a SF50, Notification of Personnel Action, showing the grade and full performance level of the position from which separated. Applicants must be well qualified in order to receive selection priority. 'Well qualified' includes applicants whom possess the knowledge, skills and abilities, which clearly exceed the minimum qualification requirements for the position.

Filling of this position is subject to the provisions of the DOD Priority Placement Program and other special programs for displaced employees.

How To Apply:

If application is submitted by mail, it must be postmarked by the closing date of the announcement to receive consideration. Hand delivered applications must be received by closing date.

Applications mailed using government postage and/or internal federal government mail systems are in violation of agency and postal regulations and will not be accepted.

Failure to submit all required documents and information requested by the closing date of this announcement may result in your not receiving full consideration. Applicant's qualifications will be evaluated solely on the information submitted in their applications.

Materials submitted as a part of your application will not be returned.

Faxed materials will not be accepted.

You must indicate the lowest grade you are willing to accept or we will only consider you at the highest grade for which you qualify.

Forms Required: 1) Completed application or resume, with the announcement number and citizenship clearly annotated. 2) College transcript. Unofficial copies are acceptable. 3) Narrative statement specifically addressing one of the required knowledge's listed above, if experience is to be considered. 4) DD214 or other documents establishing veteran's preference as described above, if applicable. 5) Documents establishing military spouse preference as described above, if applicable. 6) Documents establishing selection priority under ICTAP as described above, if applicable. 7) SF50 showing competitive status if a current or former Federal employee. 8) The most recent annual performance appraisal, if a current Federal employee.

If your application is not complete with items 1-2 above, together with items 3-8, if applicable, or if your application package does not provide sufficient information concerning your experience, you may lose consideration for this position.

For additional information about this position please contact:

Contact: BRENDA STEVENSON
3017444821

Please submit your application package to:

NSWC, INDIAN HEAD DIVISION
101 STRAUSS AVENUE
ATTN: 06R
INDIAN HEAD, MD 20640

The Department of Navy is an Equal Opportunity Employer.
